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**(54) Method for controlling the amount of moisture associated with a web of moving material.**

(57) A moisture measurement and control system controlling the amount of moisture in paper being manufactured by papermaking machinery, for example, linerboard, utilizes a standard scanning moisture sensor to calibrate a nonscanning moisture sensor to thus provide very fast and accurate moisture measurements for each zone of the moving paper. The measurement is communicated to a fast response time moisture profiler, for example, of the quartz heater type. In addition, the nonscanning moisture measurement unit, which utilizes capacitive electrodes, has improved accuracy due to its electrode arrangement and signal processing technique.

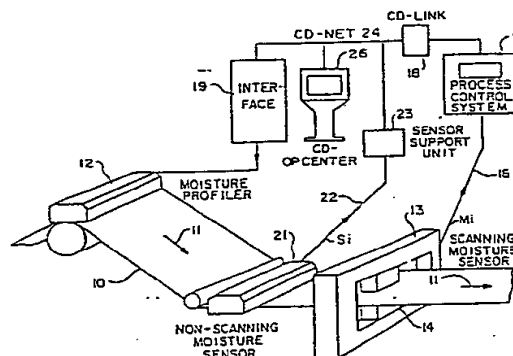


FIG. -1



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 88 30 0359

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.3)
Y	US-A-3 713 966 (P. LIPPKE) * abstract; column 1, line 6 - column 2, line 22 *	1	G 01 N 27/22
Y	US-A-3 214 845 (N.A. HUFFMAN) * column 1, lines 9-12; column 2, lines 26-56; claim 1 *	1	
Y	GB-A-1 102 062 (H. MAHLO) * page 1, lines 8-14, 58-82 *	1	
A	US-A-2 535 027 (W.C. ANDERSON) * column 1, lines 1-17 *	1,2	
A,D	US-A-3 684 953 (M.P. GRANT) * column 1, lines 4-14 *	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.3)
			G 01 N 27/00 G 01 N 21/00 D 21 F 7/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 05-09-1988	Examiner BRISON O.P.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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